| Stand Alone General Purpose Label<br>Kit<br>Part No: KSAGP02<br>Page 1   | Instructions for fixing your labels<br>These labels have been produced by a team of professional<br>engravers & printers who are Clean Energy Council Members.<br>This kit fully complies with current AS/NZS 5139 & Clean Energy<br>Council BESS Label Requirements. This kit has been examined by  |
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|  | CEC.<br>The fixing instructions below have been supplied by CEC . Refer to<br>the Section 4 BESS label requirements. AS/NZS5139, ASNZS<br>4777.1 & AS/NZS 5033<br>Please note: No responsibility is taken by the manufacturer or<br>distributor in supplying these instructions.   |
| DANGER<br>RISK OF BATTERY EXPLOSION<br>NO SMOKING<br>SPARKS<br>FLAMES  | <b>Danger Risk of Battery Explosion</b><br>Fixed adjacent to the enclosure or on all doors where the battery<br>system is located AS/NZS5139 Clause 7.8  |
| RESTRICTED ACCESS<br>AUTHORIZED<br>PERSONNEL<br>ONLY   | <b>Restricted Access</b><br>Fixed adjacent to the enclosure or on all doors where the battery<br>system is located AS/NZS5139 Clause 7.5   |
| TOXIC<br>EUNES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FUENCES<br>FU | <b>Danger Toxic Fumes</b><br>Fixed adjacent to the enclosure or on all doors where the battery<br>system is located AS/NZS5139 Clause 7.9  |
| SHUTDOWN PROCEDURE<br>1. Turn OFF the Main Switchboard<br>2. Turn OFF the Main Switchboard<br>2. Turn OFF the Main Switchboard<br>3. Turn OFF the Inself A lisablar and PV Array DC Isolator<br>4. Turn OFF the Battery System DC Isolator<br>To restart, follow the steps in reverse  | Battery Shutdown Procedure<br>Fixed adjacent to the PCE to which the battery system is<br>connected and adjacent to and visible from the equipment to be<br>operated in the event of a shutdown. AS/NZS5139 Clause 7.16<br>The Clean Energy<br>Council has advised:<br>Ensure appropriate steps<br>for safe shutdown are<br>considered for your<br>individual battery system<br>and installation. The<br>Shutdown Procedure<br>provided in this kit is a<br>generic Shutdown<br>Procedure for the battery:<br>or appropriate steps<br>for safe shutdown are<br>considered for your<br>individual battery system<br>and installation. The<br>Shutdown Procedure<br>provided in this kit is a<br>generic Shutdown<br>Procedure for the battery:<br>or and may not sub your<br>specific requirements. |

| BATTERY SUPPLY SHORT CIRCUIT CURRENTA MAX D.C VOLTSV                              | <b>Battery Supply</b><br>If the voltage is DVC-A, fix the label adjacent to the battery enclosure or<br>on all doors to the battery system or BESS room.<br>Refer to AS/NZS5139 Clause 7.6 |
|---|--|
|   | Battery levels for Decisive voltage classification (DVC) from AS/NZS5139<br>Table 3.2  |
|   | A ≤60 Vdc  |
|   | B ≤120 Vdc   |
|   | C >120 Vdc   |
|   | If the voltage is A, you need the "Battery Supply" Label (white/black label)   |
|   | ES (Green Reflective)  |
|   | Fixed on the outside of the Meter Panel & Main Switchboard,  |
| ES  | visible on approach to the property.   |
|   | AS/NZS5139 Clause 7.3  |
|   | PV (Green Reflective)  |
| AC AC   | Fixed on the outside of the Meter Panel, visible on approach to the  |
| PV —  | property   |
| DP  | AS/NZS5033 Clause 5.4.2  |
|   | These engraved numbers can be adhered to your round, green   |
| 00223456789<br>00223456789  | reflective "ES" labels to indicate the UN number for the battery   |
|   | chemistry you are installing.  |
|   | Warning Multiple Battery Systems   |
|   | Fixed adjacent to the PCE connected to the multiple battery  |
| SYSTEM ISOLATORS TO<br>ISOLATE EQUIPMENT  | systems.   |
|   | AS/NZS5139 Clause 7.12.3   |
| WARNING   | Warning Arc Flash Hazard   |
| ARC FLASH HAZARD<br>ARC FLASH HAZARD APPROPRIATE<br>BPE AND TOOLS BEADINGED MAILE | Fixed adjacent to the enclosure or on all doors where the battery  |
| WORKING ON THIS EQUIPMENT   | system is located.   |
|   | AS/NZS5139 Clause 7.16   |
| WARNING<br>DO NOT<br>DISCONNECT<br>UNDER LOAD                                     | Warning Do Not Disconnect Under Load   |
|   | Disconnectors for DVC-B & DCV-C systems and HRC fuse holders.  |
|   | Fixed adjacent to or on each disconnector or HRC fuse holder   |
|   | AS/NZS5139 Clause 7.12.4 and 7.13.3  |
| WARNING   | Warning Multiple SuppliesSwitchboard   |
| MULTIPLE SUPPLIES<br>ISOLATE ALL SUPPLIES<br>BEFORE WORKING ON THIS               | Fixed at the Switchboard to which the IES is directly connected.   |
| SWITCHBOARD   | Shall be in a prominent position on the switchboard and visible to   |
|   | personnel operating at the switchboard.  |
|   | AS/NZS 4777.1 2024 Clause 6.3, (G)   |

| WARNING<br>MULTIPLE D.C. SOURCES<br>TURN ROF ALL D.C.<br>ISOLATORS TO ISOLATE<br>EQUIPMENT                   | Warning Multiple DC Sources<br>Fixed at DC isolators when multiple devices are used that are not<br>ganged together.<br>AS/NZS5033 Clause 5.5.2   |
|--|---|
| WARNING<br>HAZARDOUS D.C.<br>VOLTAGE   | Warning Hazardous DC Voltage<br>Fixed to array junction boxes.<br>AS/NZS 5033 Clause 5.3.1  |
| WARNING<br>BATTERY SYSTEM 0 C. ISOLATORS<br>DO OTO DE-ANGUSE THE BATTERY<br>SYSTEMAND BATTERY SYSTEM CABLING | Warning Battery DC Isolators<br>AS/NZS 5139 Clause 7.16<br>Fixed directly below the shutdown procedure – [-<br>=ppppppppppp,,<br>Fixed adjacent to the PCE to which the battery system is<br>connected and adjacent and visible from the equipment to be<br>operated in the event of a shutdown |
| BATTERY  | x 2 Battery<br>Fixed to battery cabling not enclosed in conduit.<br>AS/NZS5139 Clause 7.1.4   |
| BATTERY SYSTEM<br>SHORT CIRCUIT CURRENT<br>MAX D.C. VOLTS<br>HAZARDOUS D.C. VOLTAGE                          | Battery System<br>Where multiple battery systems are installed within one electrical<br>installation, there shall be a sign for each battery system.<br>AS/NZS5139 Clause 7.6<br>Battery levels for Decisive voltage classification (DVC) from AS/NZS5139                                       |
|  | Table 3.2       A     ≤60 Vdc       B     ≤120 Vdc  |
|  | C >120 Vdc  |
|  | If the voltage is A, you need the white label (Battery SupplyA,V)<br>If the voltage is B or C, you <b>only</b> need the red label.  |
| BATTERY SYSTEM<br>D.C. ISOLATOR  | Battery System D.C. Isolator<br>Fixed to the battery system isolation device in a prominent<br>location.<br>ASNZS 5139 See Clause 7.12.2 See other clauses in 7.12 & 7.13   |
| BATTERY LOCATED  | <b>Battery Located</b><br>Fixed adjacent the MAIN SWITCH for the Battery System<br>ASNZS4777.1  |
| INVERTER LOCATED   | Inverter Located<br>Where the inverter is not adjacent to the Main Switchboard,<br>location information is provided<br>AS/NZS 4777.1  |

|  | Inverter AC Isolator   |
|--|--|
| INVERTER   | Fixed to AC isolator adjacent to inverter  |
| A.C. ISOLATOR  |  |
|  | AS/NZ54777.1 Clause 6.8 (d)  |
|  | PV Array DC Isolator   |
| PV ARRAY   | Fixed to DC isolator/s at the inverter.  |
| D.C. ISOLATOR  | AS/NZS 5033 Clause 5.5.1 & 5.5.2   |
|  |  |
|  | Battery System Circuit Breaker   |
| BATTERY SYSTEM   |  |
| CIRCUIT BREAKER  |  |
|  |  |
|  | Multiple BESS Supplies   |
| MULTIPLE BESS SUPPLIES<br>BESS# 1/   | Where multiple battery systems are installed within the one                          |
| SHORT CIRCUIT CURRENTA   | electrical installation, there shall be a sign for <b><u>each</u></b> battery system |
| MAXIMUM D.C.VOLTAGE  | installed adjacent to the battery enclosure or on all doors to the                   |
|  | battery system.  |
|  | Refer to AS/NZS5139 Clause 7.6   |
|  | Face Shield  |
|  | Fixed adjacent to the enclosure or on all doors where the battery                    |
| C C C C C C C C C C C C C C C C C C C  | system is located  |
| FACE SHIELD<br>MUST BE WORN  | ASNZS5139 Clause 7.5   |
|  | Protective Clothing  |
|  | Fixed adjacent to the enclosure or on all doors where the battery                    |
| PROTECTIVE   | system is located  |
| CLOTHING<br>MUST BE WORN   | ASNZS5139 Clause 7.5   |
| IN THE EVENT OF LIQUID   | In the event of liquid detected  |
| DETECTED IN THE BUND,<br>USE LABELLED SPILL KIT  | Fixed adjacent to the battery systems  |
| AND PPE TO REMOVE LIQUID.<br>REPORT FAILURE IMMEDIATELY<br>TO SUPPLIER   | AS/NZS5139 Clause 7.19   |
| UN:  |  |
| ELECTROLYTE BURNS  | Electrolyte Burns  |
| pireng of animal to be an.  FYE BURNS  F ( possible menures or  advance or commendiat  pirenavella of animal  pir            | Fixed adjacent to the enclosure or on all doors where the battery                    |
|  | system is located  |
| NOT Dotor mus to solved if type if you<br>is leaded callowing, disk and you as devolution<br>is Note Callowing with an advective as devolution<br>in Note Callowing with an advective and an advective<br>PERALPHONE I. Navyou are an proteined calling with a devolution<br>in the solution of the solu | ASNZS5139 Clause 7.10  |
|  | x 2 Warning PV String Disconnection Point  |
| WARNING: PV STRING   | Attach to the PV module or structure within 300mm of the                             |
| DISCONNECTION POINT  | disconnection point to identify the location of the disconnection                    |
|  | point.   |
|  | AS/NZS 5033:2021   |
|  | x 4 Warning Loads Must be Isolated   |
|  | Attach to both the positive and negative cable within 100mm of                       |
|  | the disconnection point of the PV string.  |
|  | AS/NZS 5033:2021   |
|  | ,  |

| Solar d.c. cables in<br>conduit have been installed<br>in this ceiling space. The<br>conduit is labelled 'SOLAR'<br>and care must be taken<br>while working nearby. The<br>internal solar d.c. cables<br>may be live and must not<br>be disturbed or damaged. | Solar DC Cables in Conduit<br>This label should be installed adjacent to the access point<br>AS/NZS 5033:2021  |
|---|--|
| HAZARDOUS D.C.<br>VOLTAGE   | Large Warning Hazardous DC Voltage<br>This label should be installed adjacent to the access point, directly<br>underneath the Solar DC Cable in conduit label.<br>AS/NZS 5033:2021 |
| MAIN<br>SWITCH<br>(INVERTER)  | Main Switch (Inverter)AS/NZS 4777.1:2024 Clause 6.3This sign shall be installed on the switchboard to which the IES is<br>directly connected                                       |
| MAIN<br>SWITCH<br>(BATTERY)   | Main Switch (Battery)<br>Fixed adjacent the MAIN SWITCH for the battery supply.<br>AS/NZS4777.1  |
| MAIN<br>SWITCH<br>(GENERATOR)   | Main Switch (Generator)<br>Fixed adjacent the MAIN SWITCH for the generator supply.  |